

LANTERNS

Fig. 37
"D-LITE"Fig. 41
"BLIZZARD"Fig. 35
"WIZARD"Fig. 15
"MONARCH"Fig. 37 "D-LITE" LANTERN
(Cold Blast)

The Dietz "D-Lite" Lantern, was the first in the field of the now numerous "Short Globe" Lanterns. The "D-Lite" is short and compact. A lift at the top operates the telescoping dome. The globe, globe seat and burner cone hinge back, leaving the wick exposed for cleaning, trimming and lighting.

Minor features include patent reinforced tubes, large oil filler, security standing bail hooked into patent brass eyelets, etc.

Furnished in bright tin, bright tin with polished brass fount and dome, complete with globes.

SPECIFICATIONS

Height over all.....	13 $\frac{1}{4}$ inches	Fount capacity—hours.....	20 hours
Volume of light by test.....	10 candle power	Name of globe (white, ruby, blue and green), Dietz "D-Lite".....	
Size of wick.....	1 inch	Tinned steel burner.....	No. 282
Burner.....	Number 2	Quantity packed in one case.....	One-half dozen

List per dozen..... \$16.00

Fig. 41 No. 2 "BLIZZARD" LANTERN
(Cold Blast)

The No. 2 Blizzard Lantern gives a light of ten candle power. It is the most popular "Cold Blast" Lantern of its type on the market and embodies every good technical lantern feature, reinforced tubes, globe lift inside of frame, dome-shaped solderless oil fount with large oil filler, security standing bail hooked into patented brass eyelets, etc.

The No. 2 "Blizzard" is equipped with the new Dietz winglock burner with rising cone, the cone being an integral part of the globe-plate. Attention is called to the facility with which the exposed wick may be cleaned, trimmed and lighted.

Furnished in bright tin and bright tin with polished brass. Fount and top complete with globes.

SPECIFICATIONS

Height over all.....	14 $\frac{1}{4}$ inches	Name of globe (white, ruby, blue and green), Dietz "Blizzard".....	
Volume of light by test.....	10 candle power	Patented tinned steel burner.....	No. 272
Size of wick.....	1 inch	Quantity packed in one case.....	Half dozen
Oil used.....	150 $\frac{1}{2}$ kerосene	List price per dozen.....	\$11.25

Fount capacity—hours.....

20 hours

Patented tinned steel burner.....

No. 272

Quantity packed in one case.....

Half dozen

List price per dozen.....

\$11.25

SPECIFICATIONS

Name of globe (white, ruby, blue and green), Dietz "D-Lite".....

Dietz "Blizzard".....

Patented tinned steel burner.....

No. 272

Quantity packed in one case.....

One dozen

List price per dozen.....

\$15.50

Fig. 15 "MONARCH" LANTERN
(Hot Blast)

Has all the latest improvements, including positive-locking globe lift, patent safety winglock burner, dome shaped solderless oil fount with large oil filler, reinforced tubes and security standing bail hooked into patent brass eyelets. Furnished only in bright tin complete with globe.

SPECIFICATIONS

Name of globe (white, ruby, blue and green), Dietz "Fitzall".....

Dietz "Fitzall".....

Patented tinned steel burner.....

No. 411

Quantity packed in one case.....

One dozen

List price per dozen.....

\$8.00

Height over all.....	13 $\frac{1}{2}$ inches	Fount capacity—hours.....	18 hours
Volume of light by test.....	4 candle power	Name of globe (white, ruby, blue and green), Dietz "Fitzall".....	
Size of wick.....	$\frac{5}{8}$ inch	Patented tinned steel burner.....	No. 411
Oil used.....	150 $\frac{1}{2}$ kerосene	Quantity packed in one case.....	One dozen

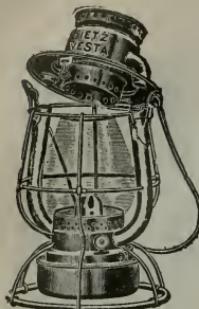
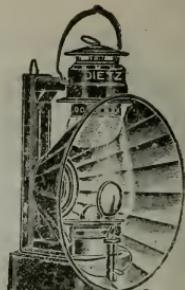
Burner.....

Number 1

List per dozen.....

GEO. B. CARPENTER & CO.

LANTERNS

Fig. 91
Vesta R. R.Fig. 9
Little StarFig. 47
Junior WagonFig. 60
BeaconNo. 91 NEW "VESTA" R. R. LANTERN
(Cold Blast)

It gives three times the light of the Signal Oil Railroad Lantern, and saves its cost in a short time through employing kerosene in place of expensive signal oil.

Simple in construction, easily cleaned and filled, dependable, and makes all signals. Is the only railroad lantern of the "tubular" type made, and is giving satisfaction on many railroads, subways, river tunnels, etc., and for general lantern purposes.

The "Vesta" type has been the U. S. Government Standard for army and navy use for many years.

Furnished only in bright tin and polished brass, complete with globes.

SPECIFICATIONS

Height over all.....	11 inches	Fount capacity—hours.....	16 hours
Volume of light by test.....	3 candle power	Name of globe (white, ruby, blue or green).....	Dietz "Vesta"
Size of wick.....	5/8 inch	Patented burners.....	No. 500
Burner.....	No. 2	Quantity packed in one case.....	One dozen

List per dozen..... \$25.00

No. 9 "LITTLE STAR" LANTERN
(Hot Blast)

It has the security standing bail hooked into patent brass eyelets, patent safety winglock burner, positive-locking globe lift and dome shaped solderless oil fount.

The "Little Star" is the biggest lantern value for the money on the market.

Furnished only in bright tin, complete with globe.

SPECIFICATIONS

Height over all.....	11 inches	Fount capacity—hours.....	12 hours
Volume of light by test.....	3 candle power	Name of globe (white, ruby, blue and green).....	Dietz "U. S."
Size of wick.....	5/8 inch	Patented tinned steel burner.....	No. 411
Burner.....	No. 1	Quantity packed in one case.....	One dozen

List per dozen..... \$7.50

No. 47 "JUNIOR" WAGON LAMP
With 2 1/4 Inch Ruby Rear Lens
(Cold Blast)

Designed to meet the requirements of the State and City laws regulating night lights on horse-drawn vehicles. It has been improved by adding a clip-spring holder in addition to the combination socket taking a round or flat bracket. The lamp is carried on the side of the vehicle, lighting the road ahead and at the same time showing a red danger signal to the rear.

Has a bright corrugated tin reflector and a magnifying bullseye lens in front of flame; also a 2 1/4 inch ruby rear lens together with all the latest cold blast lantern improvements.

Furnished only in black enamel with flat bracket and complete with globe.

Specify for right or left hand.

SPECIFICATIONS

Height over all.....	12 inches	Name of globe.....	Dietz "Junior"
Reflected light by test.....	10 candle power	Patented tinned steel burner.....	No. 201
Size of wick.....	5/8 inch	Size of magnifying bullseye lens.....	2 1/4 inches
Burner.....	Number 1	Size of ruby rear lens.....	2 1/4 inches
Fount capacity—hours.....	13 hours	Quantity packed in one case.....	Half dozen

List per dozen..... \$17.50

No. 60 "BEACON LIGHTS"
Two Sizes—Nos. 30 and 60
(Cold Blast)

"Beacon Lights" are useful wherever a strong, reflected light is required. They may be filled, lighted and regulated without removing the globe. The No. 60 size has a 5 inch reflector. No. 30 is the popular size.

These lamps are not adaptable as hand lanterns or vehicle lights.

Furnished only in green enamel, complete with globe.

SPECIFICATIONS

Height over all.....	15 1/4 inches	No. 30 Size	20 1/4 inches
Reflected light by test.....	10 candle power	10 candle power	1 1/2 inches
Size of wick.....	1 inch	Number 2	1 1/2 inches
Size burner.....	Number 1	35 hours	20 hours
Fount capacity—hours.....	35 hours	Dietz "Blizzard"	Dietz No. 2 Tubular
Name of globe (white only).....	Dietz "Blizzard"	No. 262	No. 323
Patent tinned steel burner.....	2 1/4 inches	2 1/4 inches	5 inches
Size of bullseye lens (No. 30 only).....	Half dozen	Half dozen	One only
Size of reflector (No. 60 only).....	\$1.65	\$1.65	\$4.50
Quantity packed in one case.....			
List price each.....			

SUBMIT YOUR LIGHTING PROBLEMS TO US. WE ARE EXPERTS IN THIS LINE

LAMPS



Fig. 71

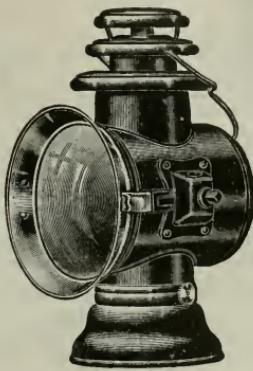


Fig. 53



Fig. 77

Fig. 71 "PIONEER" STREET AND PLATFORM LAMP
(Cold Blast)
For Post or Bracket

Has been on the market for more than 30 years. The original of all globe tubular street and platform lamps. Requires no chimney and gives a steady light double that of an ordinary gas street lamp and at much less cost. It may be filled, lighted and regulated without removing the globe. Has a self-extinguishing device that may be set to burn for a certain number of hours.

For years the "Pioneer" has been the standard of the U. S. Government and many railway systems. It is much used for village lighting.

Furnished in green enamel, same with brass or glass fount, and all brass, green enamel, complete with globes.

SPECIFICATIONS

Height over all.....	.25 $\frac{1}{2}$ inches	Name of globe (white, ruby, blue and green).....
Volume of light by test.....	.22 candle power	Dietz "Pioneer".....
Size of wick.....	1 $\frac{1}{2}$ inches	No. 313
Burner.....	Number 3	
Fount capacity—hours.....	.24 hours	Patented tinned steel burner.....
		Size of post socket opening.....
		.2 $\frac{1}{2}$ inches
		Quantity packed in one case.....
		One or two
		List each.....
		\$6.50

Fig. 53 "OCTO" DRIVING LAMP
With 2 $\frac{1}{4}$ inch Ruby Rear Lens
(Cold Blast)

Made of cold rolled steel. Complies with night-driving laws and will not jar or blow out. Fastens to the dash with a dash clamp holder, and a finger prop holder may be had for attaching it to the side of a carriage. It may be carried about as a hand lamp. Furnished only in black enamel with nickel plated door rim, packed with dash clamp holder. Has both right and left hand holder sockets.

SPECIFICATIONS

Height over all.....	.10 $\frac{1}{4}$ inches	Nickel plated brass burner.....
Reflected light by test.....	.30 candle power	No. 510
Size of wick.....	3/8 inch	Size of door lens.....
Oil used.....	150° kerosene	.4 $\frac{1}{2}$ inches
Fount capacity—hours.....	10 hours	Size of ruby rear lens.....
		.2 $\frac{1}{4}$ inches
		Quantity packed in one case.....
		Half dozen
		List price each.....
		\$1.00

Fig. 77 "PIONEER" HANGING LAMP
(Cold Blast)

The same as the "Pioneer" street and platform lamp except that in place of the post socket it has a stamped base. It also has a bail. It may be filled, lighted and regulated without removing the globe, and has a self-extinguishing device which may be sent to burn for a certain number of hours. Furnished in green enamel, and with brass or glass fount complete with globe.

SPECIFICATIONS

Height over all.....	.21 $\frac{1}{2}$ inches	Name of globe (white, ruby, blue and green).....
Volume of light by test.....	.22 candle power	Dietz "Pioneer".....
Size of wick.....	1 $\frac{1}{2}$ inches	No. 313
Burner.....	Number 3	Patented tinned steel burner.....
Fount capacity—hours.....	.24 hours	Quantity packed in one case.....
		List each.....
		\$7.50

RAILROAD LANTERN—LANTERN GLOBES

IMPROVED "STEEL CLAD" R. R. LANTERN
(No. 39 PATTERN)

With Outside Wick Raiser

The IMPROVED "STEEL CLAD" Railroad Lantern is made with flat steel upright guards and skeleton base. It is a giant in strength and very compact. It will outlast three ordinary railroad lanterns.

The "Steel Clad" is equipped with a newly patented winglock burner which fits into a slip collar and rests on a fibre washer permanently secured to the fount. A short turn of the wrist securely locks the burner to same. The oil fount is held securely to the frame by a patented automatic retaining spring, which permits the fount being removed with one hand. The fount is provided with a safety oil well.

While our New No. 39 Vulcan Globe with square shoulder on top and bottom is furnished with all our No. 39 Railroad Lanterns, any regular 39 globe will fit all No. 39 frames. Can furnish with wire guard if desired.

Furnished in bright tin, with or without globe.

SPECIFICATIONS

Height Over All.....	10 Inches	Name of Globe (White, Ruby, Blue and Green).....
Volume of Light by Test.....	2 C. Power	"Vulcan" (No. 39).....
Size of Wick.....	.1 Inch	"Regular Burner".....
Oil Used.....	"Signal"	No. 2 "Winglock" Rat.
Fount Capacity—Hours.....	24 Hours	Quantity Packed in Cases for Jobbing Trade. 1 Dozen
List price.....		per doz. \$17.50

*For Kerosene, Substitute No. 1 "Winglock" Convex Burner.

LANTERN GLOBES

Selected Best Quality



Fig. 136

"BLIZZARD" GLOBE
6 $\frac{1}{2}$ in. High
Top 2 $\frac{1}{2}$ in. Wide
Bottom 3 $\frac{1}{2}$ in. Wide



Fig. 136A

"U. S." GLOBE
5 $\frac{1}{2}$ in. High
Top 2 $\frac{1}{2}$ in. Wide
Bottom 2 $\frac{1}{2}$ in. Wide



Fig. 136B

"JUNIOR" GLOBE
5 $\frac{1}{2}$ in. High
Top 2 $\frac{3}{4}$ in. Wide
Bottom 2 $\frac{1}{2}$ in. Wide

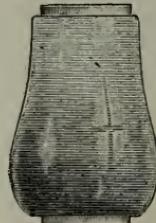


Fig. 136C

"FITZALL" GLOBE
6 $\frac{1}{2}$ in. High
Top 2 $\frac{1}{2}$ in. Wide
Bottom 3 $\frac{1}{2}$ in. Wide

Globes as Regularly Supplied in Lanterns. Ground Evenly on Top and Bottom

List per dozen
White \$1.20 Ruby \$4.00

"U. S." GLOBES: (White, ruby) for "Little Star" and "U. S." Lanterns.

"JUNIOR" GLOBES: (White, ruby) for "Junior" Lanterns, "Junior" Wagon Lamps, and Style C "Night Drivers' Friend" Lamps.....

List per dozen
White \$1.20 Ruby \$4.00

"FITZALL" GLOBES: (White, ruby) for "Hy-Lo," "Victor," "Monarch," "O. K.," "Crystal," "Iron-clad" and "Royal" Lanterns, "Buckeye" and "Beacon" Dash Lamps, "Victor" Wagon Lamps, "King" Fire Department Lanterns, "Underwriters" Mill Lanterns, "No. 15" Side Lamps, "A No. ONE" Lanterns, "Acme" Inspectors' Lamps, "Protector" Trackwalkers' Lamps, No. 26 Warning Lamps. Also any other make of White Ruby Hot Blast Lanterns.....

List per dozen
White \$1.20 Ruby \$4.00

"BLIZZARD" GLOBES: (White, ruby) for No. 2 "Crescent," No. 2 "Blizzard," and Special No. 2 "Blizzard" Lanterns, No. 2 "Blizzard" Dash Lamps, No. 2 "Blizzard" Mill Lanterns.....

List per dozen
White 1.40 Ruby 4.50

Railroad No. 39 Globes.....

List per dozen
White 1.60 Ruby 5.00

"D-LITE" GLOBES: (White, ruby) for "D-Lite" and "Wizard" Lanterns and No. 2 "Wizard" Wagon Lamps

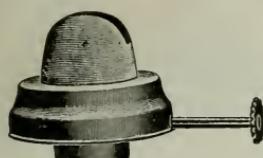
List per dozen
White 1.20 Ruby 4.00

Fig. 136E

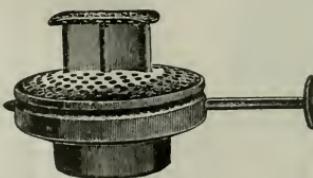
"D-LITE" GLOBE
4 $\frac{1}{2}$ in. High
Top 4 in. Wide
Bottom 3 $\frac{1}{2}$ in. Wide

"VULCAN" (No. 39) GLOBE
4 $\frac{1}{2}$ in. High
Top 2 $\frac{1}{2}$ in. Wide
Bottom 3 $\frac{1}{2}$ in. Wide

LANTERN BURNERS AND WICKS



Dietz No. 201



Dietz No. 282

LANTERN BURNERS

In ordering always advise what lantern you want the burners for.

The burner is the most important Lantern part.

The lantern burners listed below are of the most advanced type. They are more substantial than brass burners, do not heat so readily, produce a whiter flame and have longer life.

The different numbers listed below are not all the burners we carry in stock. We can furnish burners for any lamp you may have.

List prices are not shown here, as they depend largely upon the costs of materials entering into the manufacture of the burners. We will quote the lowest prices upon receipt of your inquiry.

TINNED STEEL BURNERS

HOT BLAST TYPE FOR USE WITH KEROSENE

Dietz No. 401 Burner: (Plain cone—no catch) $\frac{5}{8}$ inch wick. Can be used in place of regular burner on "Monarch," "Iron Clad," "Crystal," "Underwriter's" Mill and "King" Fire Department Lanterns.

Dietz No. 411 Burner: (Winglock cone) $\frac{5}{8}$ inch wick. Used on "Little Star," "Victor" and "Monarch" Lanterns, "Buckeye" Dash Lamps and "Victor" Wagon Lamps.

Dietz No. 421 Burner: (Hinge cone) $\frac{5}{8}$ inch wick. Used on "Hy-lo," "Crystal," "Iron Clad," "King" Fire Department and "Underwriter's" Mill Lanterns.

Dietz No. 431 Burner: (Rising Cone) $\frac{5}{8}$ inch wick. Used on "O. K." Lanterns.

Dietz No. 462 Burner: (Winglock cone) 1 inch wick. Used on No. 2 "Royal" Lanterns.

COLD BLAST TYPE FOR USE WITH KEROSENE

Dietz No. 201 Burner: (Winglock cone) $\frac{5}{8}$ inch wick. Used on "Junior" Lanterns, and "Junior" Wagon Lamps.

Dietz No. 211 Burner: (Rising cone) $\frac{5}{8}$ inch wick. Used on "Little Wizard" Lanterns and "Ideal" Inspectors' Lamps.

Dietz No. 221 Burner: (Slotted cone) $\frac{5}{8}$ inch wick. Used on No. 15 Side Lamps.

Dietz No. 252 Burner: (Slotted cone) 1 inch wick. Used on No. 2 "Blizzard" Mill Lanterns.

Dietz No. 262 Burner: (Winglock cone) 1 inch wick. Used on No. 30 "Beacon Lights."

Dietz No. 272 Burner: (Rising cone) 1 inch wick. Used on No. 2 "Blizzard," Special No. 2 "Blizzard" and "Wizard" Lanterns, No. 2 "Blizzard" Dash Lamps and No. 2 "Wizard" Wagon Lamps.

Dietz No. 282 Burner: (Rising cone) 1 inch wick. Used on "D-Lite" Lanterns.

LANTERN AND LAMP WICKS

No. 0. Width, $\frac{3}{8}$ inch	Price per gross \$0.40; price per doz. \$0.05
No. 1. Width, $\frac{5}{8}$ inch	Price per gross .56; price per doz. .08
No. 2. Width, 1 inch	Price per gross .80; price per doz. .10
No. 3. Width, $1\frac{1}{2}$ inch	Price per gross 1.28; price per doz. .15

REFLECTORS

SILVERED GLASS

Size inches 5 6 7 8 10 12
Price per doz. \$1.90 2.00 2.40 2.80 3.70 5.00

FLAT CORRUGATED, SILVERED GLASS REFLECTORS

Price per Dozen

For No. 2 Government and Bow Lamp . . . \$ 7.00
For Wings of No. 2 Bow Lamp 7.00
For No. 4 Tubular Triangular Lamp 10.00

FOR TORCH BURNERS AND WICKS, SEE INDEX